

REMARKS

Claims 1-21 are rejected in view of TORREY (U.S. Patent 6,145,123). Reconsideration of the rejection is respectfully submitted in view of the foregoing amendments and the following remarks.

Independent claim 1 is amended to recite that the trace data is held until all instructions in a group of instructions “execute in said plurality of instruction pipelines”. Applicant cannot identify any teaching in TORREY related to the processing of trace data from multiple instruction pipelines, as recited in amended claim 1.

Claim 1 is further amended to recite that the static schedule indicates “instruction execution sequence in said plurality of instruction pipelines.” TORREY does not show or suggest processing of information from multiple instruction pipelines and further fails to show or suggest reconstructing a static schedule that indicates instruction execution sequence in the multiple instruction pipelines, as currently claimed.

The claimed subject matter is described in paragraphs [1089] through [1111] of the specification, among other places. Thus, no new matter is entered through the amendments to claim 1. Indeed, claim 1 as originally filed includes a reference to a plurality of instruction pipelines in the preamble.

In view of the foregoing amendments and remarks, claim 1 should be in a condition for allowance. Claims 2-8 are dependent upon claim 1 and therefore should also be in a condition for allowance. Independent claims 9, 17, 18, and 20 are amended to include limitations of the type discussed in connection with claim 1. Therefore, these independent claims should also be in a condition for allowance, as should their dependent claims 10-16 and 19. Original claim 21 includes limitations relating to a plurality of instruction pipelines and the determination of relative order between instructions executed in the pipelines. Thus, TORREY also fails to show or suggest the limitations of claim 21.

In sum, claims 1-21 should be in a condition for allowance. If there are any residual issues that can be resolved through a telephone conference, the Examiner is requested to contact the undersigned.

Dated: Feb. 18, 2005

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